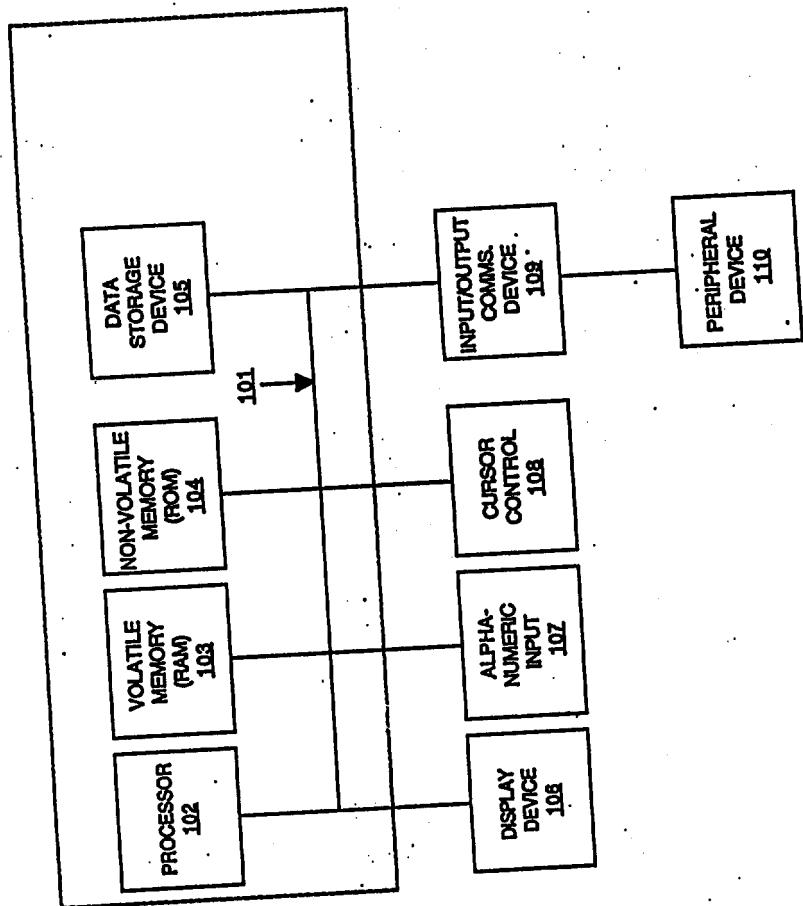
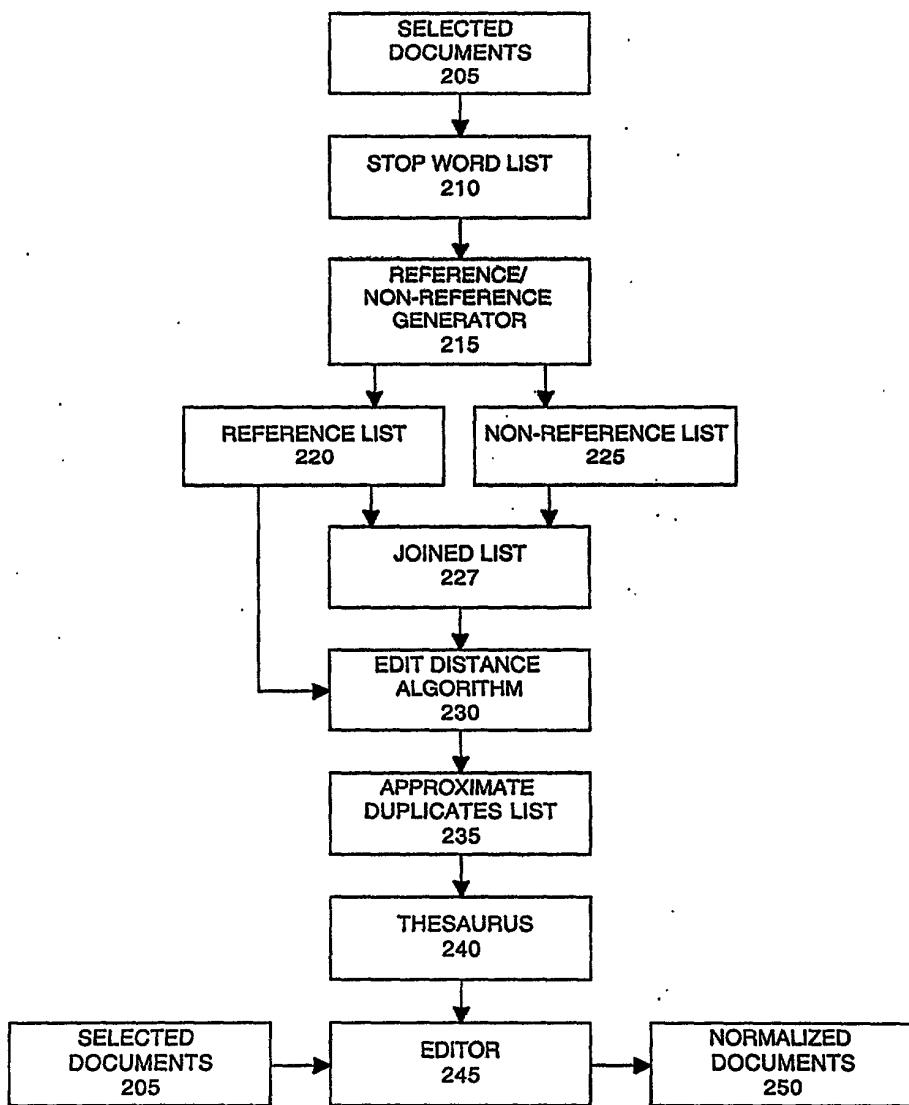


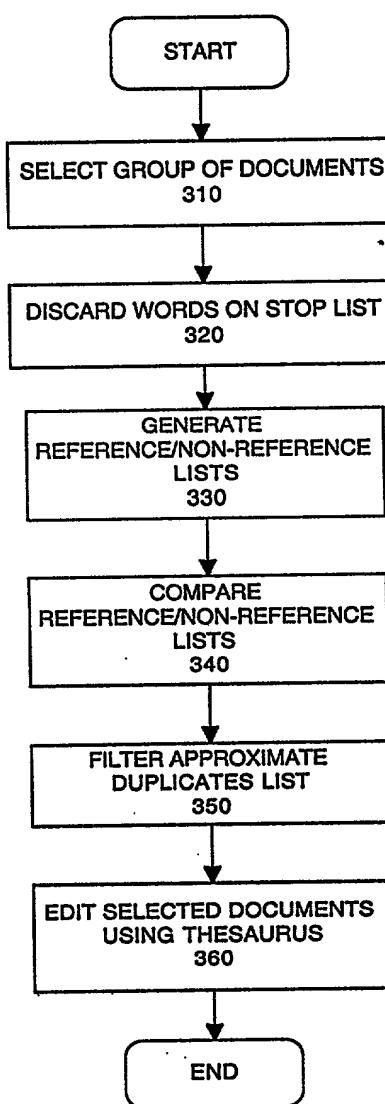
FIGURE 1

100



**FIGURE 2**



**FIGURE 3**

**FIGURE 4**

```
graph TD
    hp_ux[hp_ux] --> hp_ux2[hp_ux]
    hp_ux --> hpux[hp/ux]
    hpux --> hpx[hpx]
    hpux --> hpxcos[hpxcos]
    hpx --> pex[pex]
    hpx --> pex2[pex]
    pex --> hpa[.hpa]

    comiback2[comiback2] --> comi_back[comi back]
    comiback2 --> comiback2_55[comiback 2.55]
    comiback2 --> comiback_3_0[2.55 comiback 3.0]
    comiback2 --> comiback_3_0[comiback 3.0]
    comiback2 --> comiback2_2[comiback2]
    comiback2 --> comiback1_1[comiback1]

    comi_back --> service_guard[service guard]
    comi_back --> serviceguard1[serviceguard]
    comi_back --> serviceguard2[serviceguard]
    comi_back --> mc_serviceguard[mc/serviceguard]
    comi_back --> service_guard2[service guard]
    comi_back --> serviceguard3[serviceguard]
    comi_back --> service4[service]

    comiback2_55 --> service_guard
    comiback2_55 --> serviceguard
    comiback2_55 --> serviceguard
    comiback2_55 --> mc_serviceguard
    comiback2_55 --> service_guard
    comiback2_55 --> serviceguard
    comiback2_55 --> service

    comiback_3_0 --> service_guard
    comiback_3_0 --> serviceguard
    comiback_3_0 --> serviceguard
    comiback_3_0 --> mc_serviceguard
    comiback_3_0 --> service_guard
    comiback_3_0 --> serviceguard
    comiback_3_0 --> service
```

**FIGURE 5**

**Normalization Results**

Number of documents normalized: 1568 out of 5000

WORDS/PHRASES	PER DOCUMENT		
	MIN	AVG	MAX
3385	88	1	22

TERM	REPLACEMENT TERM	DOC FREQ	TERM FREQ
10.2	10.20	50	63
os:10.20	10.20	53	69
revision:0.20	10.20	121	171
ver:10.20	10.20	73	73
patched	patch	3	16
Install	install	0	0
patches	patch	21	40
xpatches	patch	4	5
megapatch	patch	11	13
patchet	patch	2	9
patch 14	patch	4	5
opened	opened	6	11
scav	server	0	0
top_9000	9000	0	0